OTICON | Opn Play

Technical data sheet

miniRITF T









		Oticon Opn Play 1	Oticon Opn Play 2
Speech Understanding	OpenSound Navigator™	Level 1	Level 3
	- Balancing power effect	100%	50%
	- Max. noise removal	9 dB	3 dB
	OpenSound Optimizer™	•	•
	Speech Guard™ LX	Level 1	Level 3
	Spatial Sound™ LX	4 estimators	2 estimators
	Speech Rescue™ LX	•	•
Sound Quality	Clear Dynamics	•	-
	Spatial Noise Management	•	-
	Fitting Bandwidth*	10 KHz	8 KHz
	Processing Channels	64	48
	Bass Boost (streaming)	•	•
Listening Comfort	Transient Noise Management	4 configurations	On/Off
	Feedback shield LX	•	•
	Wind Noise Management	•	•
Optimising Fitting	YouMatic™ LX	3 configurations	1 configuration
	Fitting Bands	16	12
	REM AutoFit	Verifit® LINK, IMC 2**	Verifit® LINK, IMC 2**
	Paediatric Fitting Mode	•	•
	DSL Fitting Range ***	•	•
	Fitting Formulas	DSL v5.0, NAL-NL1 + 2, VAC+	DSL v5.0, NAL-NL1 + 2, VAC+
Designed for children	LED	•	•
	Hypo Allergenic	•	•
	IP Rating	IP68	IP68
	Nano Coating	•	•
	Colour Options	12	12
	Integrated 2.4 GHz Receiver	•	•
	FM Compatibility	Telecoil	Telecoil
* Ban	dwidth accessible for gain adjustments during fitting		



Oticon Opn Play™ miniRITE T is a sleek and stylish hearing aid that has a telecoil that ensures access at public venues and an FM option through a neckloop receiver.

OpenSound Navigator™ gives children 360° access to the full soundscape across simple and complex listening environments, constantly maximising learning opportunities.

OpenSound Optimizer™ proactively identifies and prevents feedback before it occurs, preserving audibility and increasing fitting flexibility.

TwinLink™ wireless technology combines binaural communication and 2.4 GHz connectivity with stereo streaming directly from digital devices.

Oticon Opn Play is powered by Oticon's Velox S[™] platform which offers marketleading speed and resolution and takes paediatric hearing care to a new level.

Operating conditions Temperature: +1°C to +40°C Relative humidity: 5% to 93%, non-condensing Storage and transportation conditions

Temperature and humidity should not exceed the following limits for extended periods during transportation and storage.

Temperature: -25°C to +60°C

Relative humidity: 5% to 93%, non-condensing









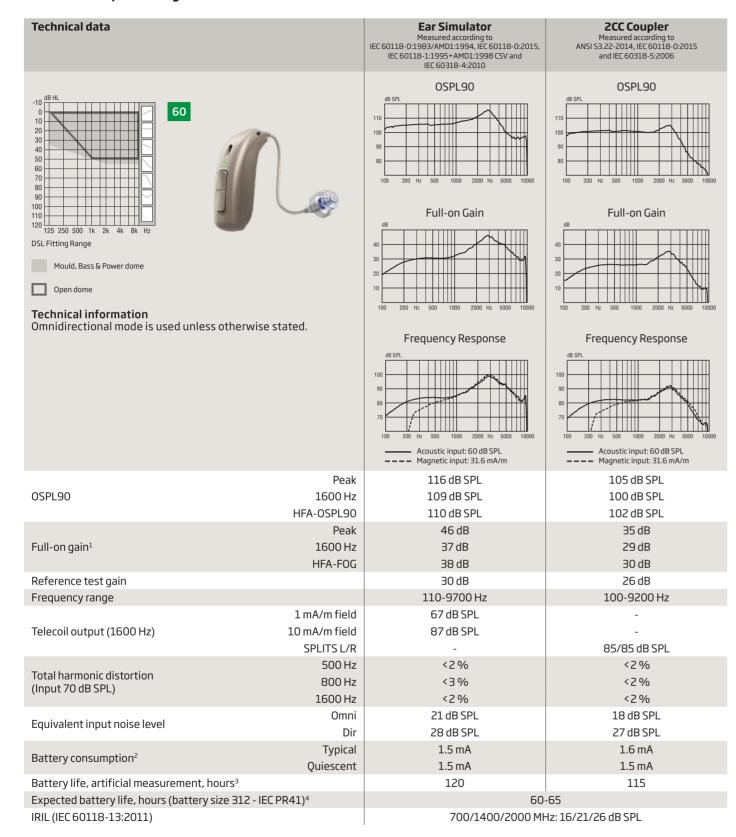


Bandwidth accessible for gain adjustments during fitting

Inter Module Communication 2

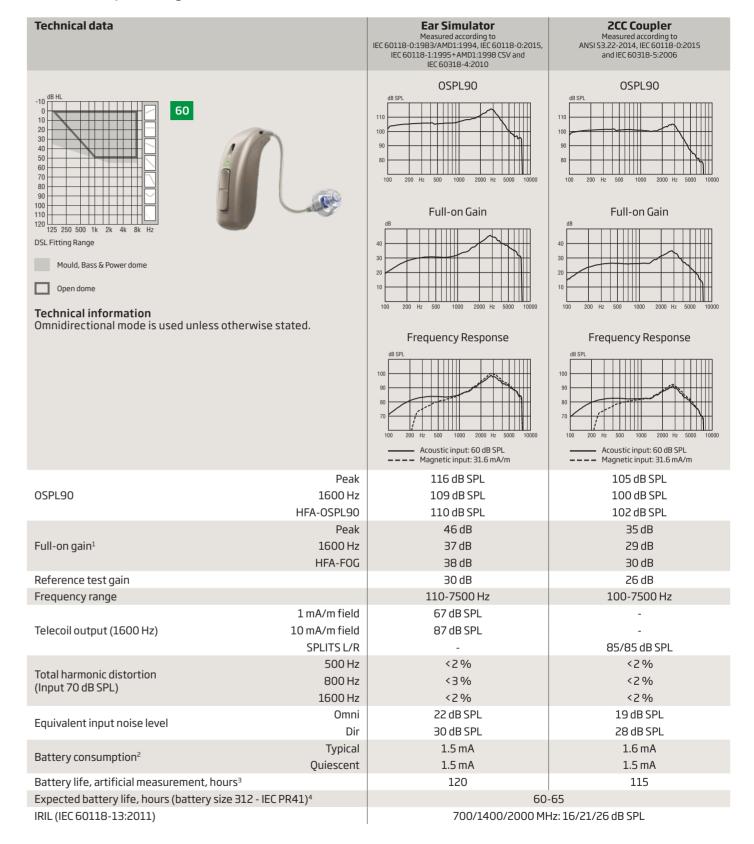
^{***} Available in this Technical Data sheet and Opn Play Product Guide

miniRITE T 60



¹⁾ Measured with the gain control of the hearing aid set to its full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0+A1:1994 but without influence of feedback.

Oticon Opn Play 2



¹⁾ Measured with the gain control of the hearing aid set to its full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0+A1:1994 but without influence of feedback.

²⁾ Battery current is measured according to IEC 60118-0:1983/AMD1:1994 §7.11, IEC 60118-0:2015 §7.7 and ANSI S3.22:2014 §6.13 after a settling time of minimum 3 minutes.

³⁾ Based on the standardised battery consumption measurement (IEC 60118-0:1983/AMD1:1994). The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment.

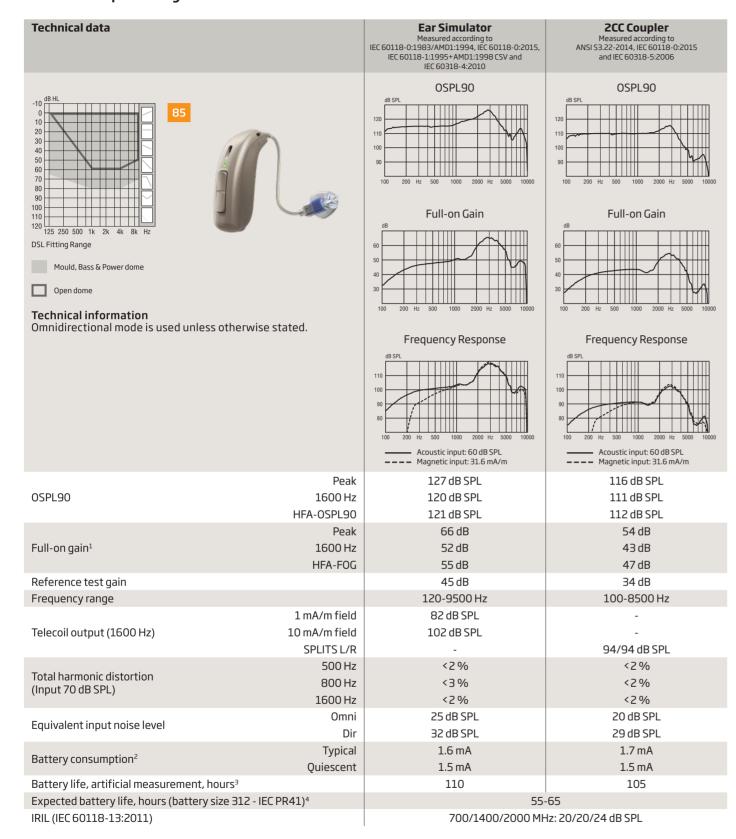
⁴⁾ Real usage battery life is shown as an estimated interval based on mixed use cases with variable amplification settings and variable input levels, incl. direct stereo streaming from a TV (25% of the time) and streaming from a mobile phone (6% of the time).

Battery current is measured according to IEC 60118-0:1983/AMD1:1994 §7.11, IEC 60118-0:2015 §7.7 and ANSI \$3.22:2014 §6.13 after a settling time of minimum 3 minutes.

³⁾ Based on the standardised battery consumption measurement (IEC 60118-0:1983/AMD1:1994). The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment.

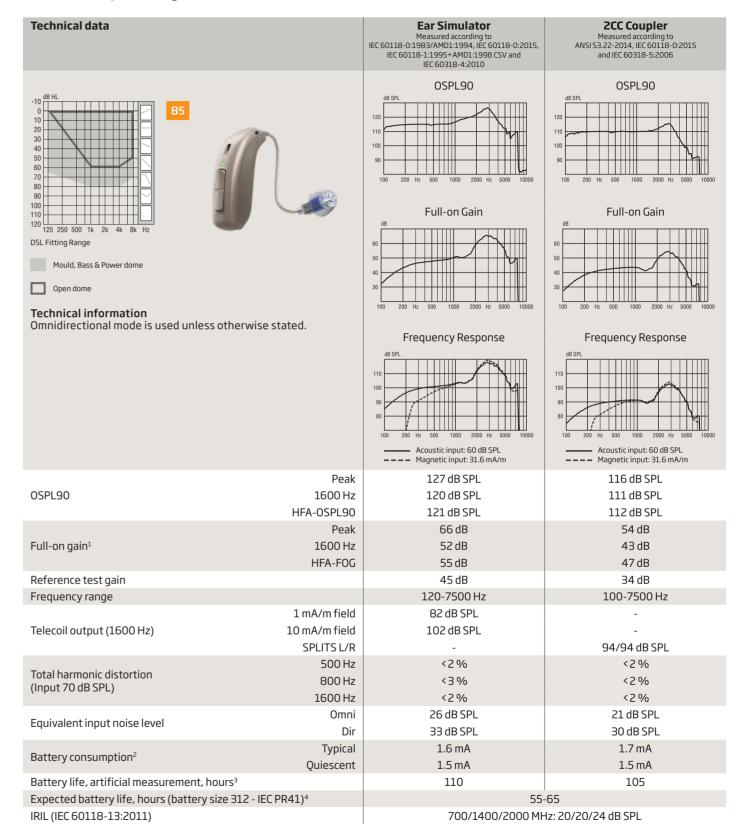
⁴⁾ Real usage battery life is shown as an estimated interval based on mixed use cases with variable amplification settings and variable input levels, incl. direct stereo streaming from a TV (25% of the time) and streaming from a mobile phone (6% of the time).

miniRITE T 85



¹⁾ Measured with the gain control of the hearing aid set to its full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0+A1:1994 but without influence of feedback.

Oticon Opn Play 2



¹⁾ Measured with the gain control of the hearing aid set to its full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0+A1:1994 but without influence of feedback.

²⁾ Battery current is measured according to IEC 60118-0:1993/AMD1:1994 §7.11, IEC 60118-0:2015 §7.7 and ANSI \$3.22:2014 §6.13 after a settling time of minimum 3 minutes.

³⁾ Based on the standardised battery consumption measurement (IEC 60118-0:1983/AMD1:1994). The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment.

an a sound environment.

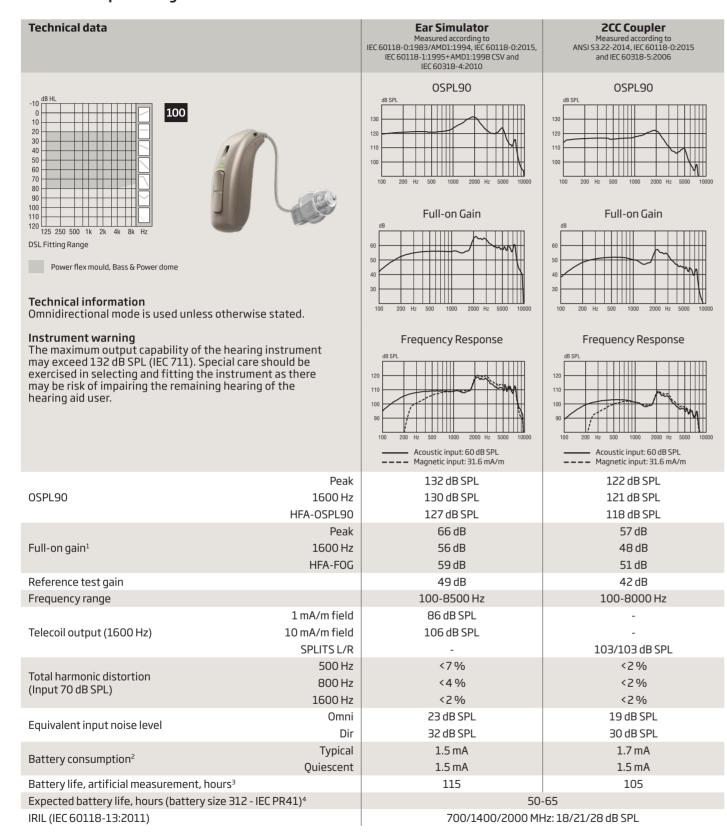
Real usage battery life is shown as an estimated interval based on mixed use cases with variable amplification settings and variable input levels, incl. direct stereo streaming from a TV (25% of the time) and streaming from a mobile phone (6% of the time).

Battery current is measured according to IEC 60118-0:1983/AMD1:1994 §7.11, IEC 60118-0:2015 §7.7 and ANSI \$3.22:2014 §6.13 after a settling time of minimum 3 minutes.

³⁾ Based on the standardised battery consumption measurement (IEC 60118-0:1983/AMD1:1994). The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment.

⁴⁾ Real usage battery life is shown as an estimated interval based on mixed use cases with variable amplification settings and variable input levels, incl. direct stereo streaming from a TV (25% of the time) and streaming from a mobile phone (6% of the time).

miniRITE T 100



¹⁾ Measured with the gain control of the hearing aid set to its full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from

Oticon Opn Play 2

Technical data		Ear Simulator Measured according to IEC 60118-0:1983/AMD1:1994, IEC 60118-0:2015, IEC 60118-1:1995+AMD1:1998 CSV and IEC 60318-4:2010	2CC Coupler Measured according to ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006
-10 dB HL 100		OSPL90 dB SPL 130 120 110 100 200 Hz 500 1000 2000 Hz 5000 10000	OSPL90 dB SPL 130 100 200 Hz 500 1000 2000 Hz 5000 10000
90 100 100 120 120 125 250 500 1k 2k 4k 8k Hz DSL Fitting Range Power flex mould, Bass & Power dome Technical information Omnidirectional mode is used unless otherw	vise stated.	Full-on Gain 60 60 40 100 200 Hz 500 1000 2000 Hz 5000 10000	Full-on Gain 60 40 100 200 Hz 500 1000 2000 Hz 5000 10000
Instrument warning The maximum output capability of the heari may exceed 132 dB SPL (IEC 711). Special car exercised in selecting and fitting the instrur may be risk of impairing the remaining heari hearing aid user.	re should be nent as there	Frequency Response dB SPL 120 100 90 Acoustic input: 60 dB SPL Magnetic input: 31.6 mA/m	Frequency Response dB SPL 120 100 100 200 Hz 500 1000 2000 Hz 5000 10000 Acoustic input: 60 dB SPL Magnetic input: 31.6 mA/m
OSPL90	Peak 1600 Hz HFA-OSPL90	132 dB SPL 130 dB SPL 127 dB SPL	122 dB SPL 121 dB SPL 118 dB SPL
Full-on gain ¹	Peak 1600 Hz HFA-FOG	66 dB 56 dB 59 dB	57 dB 48 dB 51 dB
Reference test gain		49 dB	42 dB
Frequency range		100-7500 Hz	100-7500 Hz
Telecoil output (1600 Hz)	1 mA/m field 10 mA/m field SPLITS L/R	86 dB SPL 106 dB SPL -	- - 103/103 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz 800 Hz 1600 Hz	<7 % <4 % <2 %	<2 % <2 % <2 %
Equivalent input noise level	Omni Dir	23 dB SPL 32 dB SPL	19 dB SPL 30 dB SPL
Battery consumption ²	Typical Quiescent	1.5 mA 1.5 mA	1.7 mA 1.5 mA
Battery life, artificial measurement, hours ³		115	105
Expected battery life, hours (battery size 312 IRIL (IEC 60118-13:2011)	- IEC PR41) ⁴	50-	

¹⁾ Measured with the gain control of the hearing aid set to its full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0+A1:1994 but without influence of feedback.

e.g. IEC 60118-0+A1:1994 but without influence of feedback.

Battery current is measured according to IEC 60118-0:1983/AMD1:1994 §7.11, IEC 60118-0:2015 §7.7 and ANSI S3.22:2014 §6.13 after a settling time of minimum 3 minutes.

Based on the standardised battery consumption measurement (IEC 60118-0:1983/AMD1:1994). The actual battery life depends on battery quality, use pattern, active feature set, hearing loss

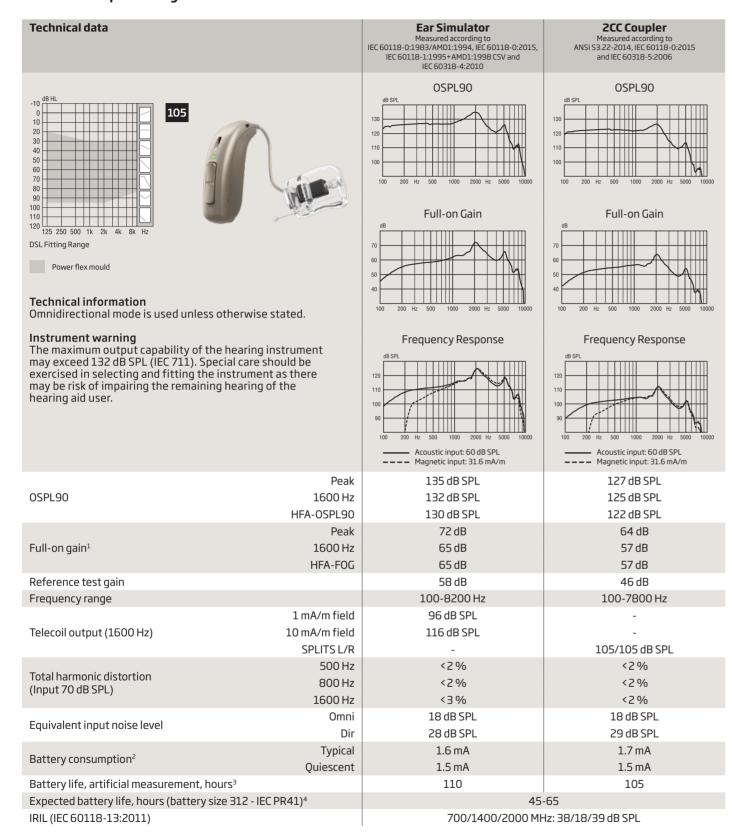
A Real usage battery life is shown as an estimated interval based on mixed use cases with variable amplification settings and variable input levels, incl. direct stereo streaming from a TV (25% of the time) and streaming from a mobile phone (6% of the time).

²⁾ Battery current is measured according to IEC 60118-0:1983/AMD1:1994 §7.11, IEC 60118-0:2015 §7.7 and ANSI \$3.22:2014 §6.13 after a settling time of minimum 3 minutes.

3) Based on the standardised battery consumption measurement (IEC 60118-0:1983/AMD1:1994). The actual battery life depends on battery quality, use pattern, active feature set, hearing loss

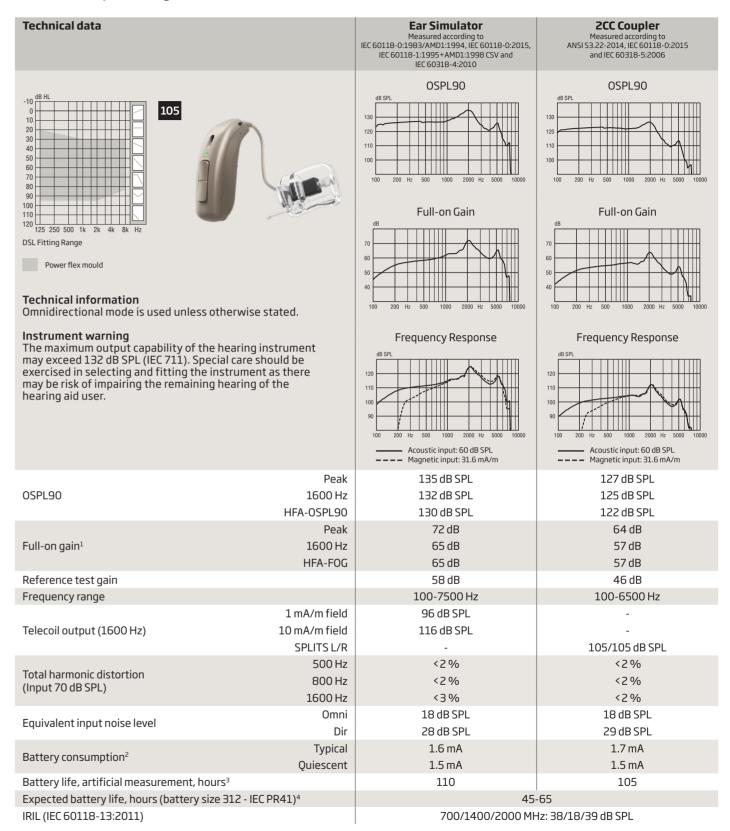
⁴⁾ Real usage battery life is shown as an estimated interval based on mixed use cases with variable amplification settings and variable input levels, incl. direct stereo streaming from a TV (25% of the time) and streaming from a mobile phone (6% of the time).

miniRITE T 105



¹⁾ Measured with the gain control of the hearing aid set to its full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0+A1:1994 but without influence of feedback.

Oticon Opn Play 2



¹⁾ Measured with the gain control of the hearing aid set to its full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0+A1:1994 but without influence of feedback.

²⁾ Battery current is measured according to IEC 60118-0:1983/AMD1:1994 §7.11, IEC 60118-0:2015 §7.7 and ANSI S3.22:2014 §6.13 after a settling time of minimum 3 minutes.

3) Based on the standardised battery consumption measurement (IEC 60118-0:1983/AMD1:1994). The actual battery life depends on battery quality, use pattern, active feature set, hearing loss

A Real usage battery life is shown as an estimated interval based on mixed use cases with variable amplification settings and variable input levels, incl. direct stereo streaming from a TV (25% of the time) and streaming from a mobile phone (6% of the time).

Battery current is measured according to IEC 60118-0:1983/AMD1:1994 §7.11, IEC 60118-0:2015 §7.7 and ANSI S3.22:2014 §6.13 after a settling time of minimum 3 minutes.

³⁾ Based on the standardised battery consumption measurement (IEC 60118-0:1983/AMD1:1994). The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment.

⁴⁾ Real usage battery life is shown as an estimated interval based on mixed use cases with variable amplification settings and variable input levels, incl. direct stereo streaming from a TV (25% of the time) and streaming from a mobile phone (6% of the time).

Notes	Notes













